

ATTACHMENT A

US and Canadian Studies Identified for High Priority Reanalyses

1. Samet, J.M.; Zeger, S.L.; Domenici, F.; Curriero, F.; Coursac, I.; Dockery, D.W.; Schwartz, J.; Zanobetti, A. (2000) The national morbidity, mortality, and air pollution study. Part I: Methods and methodologic issues. Part II: Morbidity, mortality, and air pollution in the United States. Cambridge, MA: Health Effects Institute: Research Report No. 94: 1-84.
2. Zeger, S.L., Dominici, F.; Samet, J. (1999) Harvesting-resistant estimates of air pollution effects on mortality. *Epidemiology* 10: 171-175 (Part I, Section 3).
3. Braga, A.L.F., Zanobetti, A.; Schwartz, J. (2001) The lag structure between particulate air pollution and respiratory and cardiovascular deaths in ten U.S. cities. *J. Occup. Environ. Med.* 43: 927-933.
4. Zanobetti, A.; Schwartz, J.; Dockery, D.W. (2000) Airborne particles are a risk factor for hospital admissions for heart and lung disease. *Environ. Health Perspect.* 108: 1071-1077.
5. Janssen, H.A.J., Schwartz, J., Zanobetti, A.; Suh, H.H. (2002) Air conditioning and source-specific particles as modifiers of the effect of PM₁₀ on hospital admissions for heart and lung disease. *Environ. Health Perspect.* 110: 43-49.
6. Schwartz, J. (1999) Air pollution and hospital admissions for heart disease in eight U.S. counties. *Epidemiology* 10: 17-22.
7. Schwartz, J. (2000a) Assessing confounding, effect modification, and thresholds in the association between ambient particles and daily deaths. *Environ. Health Perspect.* 108: 563-568.
8. Schwartz, J. (2000c) Harvesting and long term exposure effects in the relation between air pollution and mortality. *Am. J. Epidemiol.* 151: 440-448 (Part I, Section 4)
9. Schwartz, J. (2000b) The distributed lag between air pollution and daily deaths. *Epidemiology* 11: 320-326 (Part II, Appendix B).
10. Zanobetti, A.; Schwartz, J.; Samoli, E.; Gryparis, A.; Touloumi, G.; Atkinson, R.; Le Tertre, A.; Bobros, J.; Celko, M.; Goren, A.; Forsberg, B.; Michelozzi, P.; Rabczenko, D.; Ruiz, E.A.; Katsouyanni, K. (2002) The temporal pattern of

- mortality responses to air pollution. *Epidemiology* 13: 87-93.
11. Schwartz, J.; Dockery, D.W.; Neas, L.M. (1996) Is daily mortality associated specifically with fine particles? *J. Air Waste Manage. Assoc.* 46: 927-939.
12. Schwartz, J.; Neas, L.M. (2000) Fine particles are more strongly associated than coarse particles with acute respiratory health effects in school children. *Epidemiology* 11: 6-10.
13. Klemm, R.J.; Mason, R.J., Jr.; Heilig, C.M.; Neas, L.M.; Dockery D.W. (2000) Is daily mortality associated specifically with fine particles? Data reconstruction and replication of analyses. *J. Air Waste Manage. Assoc.* 50: 1215-1222.
14. Lippmann, M.; Ito, K.; Nadas, A.; Burnett, R.T. (2000) Association of particulate matter components with daily mortality and morbidity in urban populations. Cambridge, MA: Health Effects Institute; Research Report 95.
15. Fairley, D. (1999) Daily mortality and air pollution in Santa Clara County, California: 1989-1996. *Environ. Health Perspect.* 107: 637-641.
16. Ostro, B.D.; Broadwin, R.; Lipsett, M.J. (2000) Coarse and fine particles and daily mortality in the Coachella Valley, CA: a follow-up study. *J. Exposure Anal. Environ. Epidemiol.* 10: 412-419.
17. Moolgavkar, S.H. (2000a) Air pollution and mortality in three U.S. counties. *Environ. Health Perspect.* 108: 777-784
18. Sheppard, L.; Levy, D.; Norris, G.; Larson, T.V.; Koenig, J.Q. (1999) Effects of ambient air pollution on nonelderly asthma hospital admissions in Seattle, Washington, 1987-1994. *Epidemiology* 10: 23-30.
19. Norris, G., Young-Pong, S.N.; Koenig, J.Q.; Larson, T.V.; Sheppard, L.; Stout, J.W. (1999) An association between fine particles and asthma emergency department visits for children in Seattle. *Environ. Health Perspect.* 107: 489-493.
20. Laden, F.; Neas, L. M.; Dockery, D.W.; Schwartz, J. (2000) Association of fine particulate matter from difference sources with daily mortality in six U.S. cities. *Environ. Health. Perspect.* 108: 941-947.
21. Mar, T.F., Norris, G.A.; Koenig, J.Q.; Larson, T.V. (2000) Associations between air pollution and mortality in Phoenix, 1995-1997. *Environ. Health Perspect.* 108: 347-353.

22. Burnett, R.T.; Brook, J.; Dan, T.; Delocla, C.; Philips, O.; Cakmak, S.; Vincent, R.; Goldberg, M.S.; Krewski, D. (2000) Association between particulate- and gas-phase components of urban air pollution and daily mortality in eight Canadian cities. *Inhalation Toxicol.* 12 (Suppl. 4): 15-39.
23. Goldberg, M.S.; Bailar, J.C., III; Burnett, R.T., Brook, J.R.; Tambly, R.; Bonvalot, Y.; Ernst, P.; Flegel, K.M.; Singh, R. K.; Valois, M.-F. (2000) Identifying subgroups of the general population that may be susceptible to short-term increases in particulate matter. Health Effects Institute; Research Report 97.
24. Goldberg, M.S.; Burnett, R.T.; Brook, J.; Bailar III, J.C.; Valois, M.-F.; Vincent, R. (2001) Associations between daily cause-specific mortality and concentrations of ground-level ozone in Montreal, Quebec. *Am. J. Epidemiol.* 154: 817-826.
25. Goldberg, M.S.; Burnett, R.; Bailar III, J.C., Tamblyn, R.; Ernst, P.; Flegel, K.; Brook, J.; Bonvalot, Y.; Singh, R.; Valois, M.-F.; Vincent, R. (2001) The identification of persons with cardio-respiratory conditions who are at risk of dying from the acute effects of ambient air particles. *Environ. Health Perspect.* 109 (Suppl. 4): 487-494.
26. Goldberg, M.S., Burnett, R.; Bailar III, J.C.; Brook, J.; Bonvalot, Y.; Tamblyn, R.; Singh, R.; Valois, M.-F. (2001) The association between daily mortality and short-term effects of ambient air particle pollution in Montreal, Quebec: 1. Nonaccidental mortality. *Environ. Res.* A86: 12-25.
27. Goldberg, M.S., Burnett, R.; Bailar III, J.C.; Brook, J.; Bonvalot, Y.; Tamblyn, R.; Singh, R.; Valois, M.-F.; Vincent, R. (2001) The association between daily mortality and short-term effects of ambient air particle pollution in Montreal, Quebec: 2. Cause-specific mortality. *Environ. Res.* A86: 26-36, 2001.
28. Goldberg, M.S.; Burnett, R.T.; Valois, M.-F., Flegel, K.; Bailar III, J.C., Brook, J.; Vincent, R.; Radon, K. Associations between ambient air pollution and daily mortality among persons with congestive heart failure. *Environ. Res.*, in press.

European Studies Identified for High Priority Reanalyses

29. Samoli, E.; Schwartz, J.; Wojtyniak, B.; Touloumi, G.; Spix, C.; Balducci, F.; Medina, S.; Rossi, G.; Sunyer, J.; Bacharova, L.; Anderson, H.R.; Katsouyanni, K. (2001) Investigating regional differences in short-term effects of air pollution on daily mortality in the APHEA project: a sensitivity analysis for controlling long-term trends and seasonality. *Environ. Health Perspect.* 109(4): 349-353.
30. Katsouyanni, K.; Touloumi, G.; Samoli, E.; Gryparis, A.; Le Tertre, A.; Monopolis, Y.; Rossi, G.; Zmirou, D.; Ballester, F.; Boumghar, A.; Anderson, H.R.; Wojtyniak, B.; Paldy, A.; Braunstein, R.; Pekkanen J.; Schindler, C.; Schwartz, J. (2001) Confounding and effect modification in the short-term effects of ambient particles on total mortality: Results from 29 European cities within the APHEA2 Project. *Epidemiology* 12: 521-531.
31. Le Tertre, A.; Medina, S.; Samoli, E.; Forsberg, B.; Michelozzi, P.; Boumghar, A.; Vonk, J.M.; Bellini, A.; Atkinson, R.; Ayres, J.G.; Sunyer, J.; Schwartz, J.; Katsouyanni, K. (2002) Short term effects of particulate air pollution on cardiovascular diseases in eight European cities. *J. Epidemiol. Community Health* 56(10): 773-779.
32. Hoek, G.; Brunekreef, B.; Verhoeff, A.; Van Wijnen, J.; Fischer, P. (2000) Daily mortality and air pollution in the Netherlands. *J. Air Waste Manage. Assoc.* 50: 1380-1389.
33. Hoek, G.; Brunekreef, B.; Fischer, P.; Van Wijnen, J. (2001) The association between air pollution and heart failure, arrhythmia, embolism, thrombosis, and other cardiovascular causes of death in a time series study. *Epidemiology* 12: 355-357.
34. Wichmann, H.-E.; Spix, C.; Tuch, T.; Wolke, G.; Peters, A.; Heinrich, J.; Kreyling, W.G.; Heyder, J. (2000) Daily mortality and fine and ultrafine particles in Erfurt, Germany. Part I: role of particle number and particle mass. Cambridge, MA: Health Effects Institute; Research Report 98.